PIKES PEAK RADIO AMATEUR ASSOC.

Ø BEAT

COLO. SPRINGS, COLORADO

AUGUST 1966

PPRAA MEMBERS PARTICIPATE IN HILL CLIMB ACTIVITIES

The Pikes Peak Hill Climb Assn. finally decided they needed the services of the PPRAA after all on July 4 and several members pitched in to provide communications for the timing run.

Groups worked in three places--- Ed Pompea, KØZPG, George Kowalski, WØGCH, and Dick Jedlicki, WB6PVQ/Ø, were at the top--Bill Mueller, KØHFS, Phil Summers and Shelley Demario held down the middle position, and Art Geyer, WØJWS/W8SWW, Will Gregson, K4GCM-Ø, Bill Haskin, KØCEN, and Art Mayer, WAØAEH, sent reports from the bottom.

The operation was reportedly successful "in spite of some mistakes which we can correct next time". At least it was a good enough job that the participants left with a final "We'll see you next year" from the climb officials.

* *
* The next PPRAA meeting will be on *
* Wednesday, August 10, at the usual *
* place and time. No special program *
* is planned, but some interesting an- *
* nouncements will be forthcoming. *
* Of course there will be the coffee and *
* doughnuts to look forward to. *
* *

PPRAA MEMBERS TURN OUT TO BE 'SMOKING HAMS'

By Rosemarie Lewis - WAØMNL

On Tuesday, July 5, EC George Kowalski, WØGCH, called the AREC Net, at 5 p.m. to meet at the Manitou Springs Fire Dept. to provide communications during the time the department was fighting a fire on Red Mountain. The QTH of Art Geyer, WØJSE, was the base station and communications were carried on on the 2 and 6 meter bands. A total of 17 operators checked in.

After this operation, ops kept their eyes peeled on the mountains and, on the following day, Wednesday, July 6, many saw smoke billowing skyward on Cheyenne Mountain.

WØGCH offered the services of the AREC and at 3:45 p.m. ops were ready on 146.25 megs, alerted by Linda Lewis WAØMNM, via landline amd 2 meters.

GCH went to the south portal of the NORAD Combat Operations Center and began a 26 hour job of directing the net, which was to prove an interesting one.

Mobiles were stationed at strategic points and the ops contacted personnel in charge and offered services. Immed-

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-- Ø BEAT --

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80910

The PPRAA meets on the second Wednesday of each month, starting at 8 p.m., in the Red Cross building, 1600 N. Cascade Ave. All radio amateurs are invited to attend.

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PPRAA OFFICERS---
Pres. - Arthur J. Mayer, WAØAEH
V. Pres. - Peter Demario, KØUDG
Secty. - Bryan Lord, WAØJUX
Treas. - Max Main, WØBDH

Editorial
"JUSTIFYING SERVICES"

The "public service" activities of several of the members of PPRAA in providing communications during the fires on Red Mountain and Cheyenne Mountain in July are the type which serve to "justify" amateur radio in the eyes of the general public and provide a strong agument for the continuance of amateur radio operations.

The "rag chews" many of us enjoy and the DX contacts (with the possible exception of those in which we can pass along third party messages) mean little to the general public. About the only time the public is affected by this type of amatuer activity is when, for some reason or another, they are the victims of TVI.

However, when the radio amateurs give their time and equipment to help out in e,ergencies such as floods, fires or other services "for the public good" that is the time when the public decides "perhaps there is some worth to amateur operations after all.

Every member of PPRAA should make an effort to participate in some of the emergency operation activities. We should also give thanks to those who already have participated in these activities for helping promote the kind of operations that will assure the continuance of amatuer radio privileges for all of us.

Frank - WØHWH

SOPTSOAPING IN AREC

By Rosemarie Lewis - WAØMNL

original By me

Duz you Dreft along with the Tide? Vel, now is the time for All to Cheer up. If you want real Joy, the Trend is to Breeze to the Ham shack and check into the AREC Net.

Alas, some Woodbury their heads in the pillow or work in their yard like some Handy Andy at net time, trusting to Lux that somone will do their Top Job for them.

Do you want some Bold Tuffy to Dial you an SOS and remind you of the net Crystal you have? This is not idle Babo your activity in AREC will add to your Lifebouy. So Dash like a Jet Comet to the shack and get a Thrill from helping in Rescue Action.

Be a good Choregirl or Choreboy, by doing your part.

So join the AREC Crew, take part in SOS Action, also Thrill with the good fellowship and have a Gayla time and your life will be full of Vim and Zest.

And as a Final Touch at the end of each month, our EC, George, will Wisk off a Spic and Span report to SEC so he won't get in Dutch with him.

-o-o-o-

There are rumors of a club picnic some time in August. Better attend the August 10 meeting and check them out!! Also may be news of another auction.

50/100 KC CRYSTAL CALIBRATOR

By Max Main, WØBDH

Local Air Force MARS members who received some of the FM Test oscillators in the large equipment racks recently may be interested in this one.

The chassis marked "Summing Amplifier" contains a very accurate 50/100kc oscillator that can be transferred to a smaller, more convenient layout if desired. The schematic diagram shows the layout.

These layouts are equipped with a James Knight "KJ" series hermetically sealed crystal unit inside a thermostatically controlled oven.

When 6.3 volts is applied to pins 3 and 7, the oven will maintain the crystals at a constant 65°C, plus or minus 2°. This allows the crystal oscillator to operate with an accuracy of 15 parts per million.

The selector switch then allows either the 50 kc or 100 kc crystal to be selected. The output can then be coupled to your station receiver for use in checking calibration in case it is not equipped with a calibrator.

Harmonics from the 50 kc or 100 kc units will appear throughout the amateur bands and provide an accurate determination of bands edges, or a standard for frequency measurements tests.

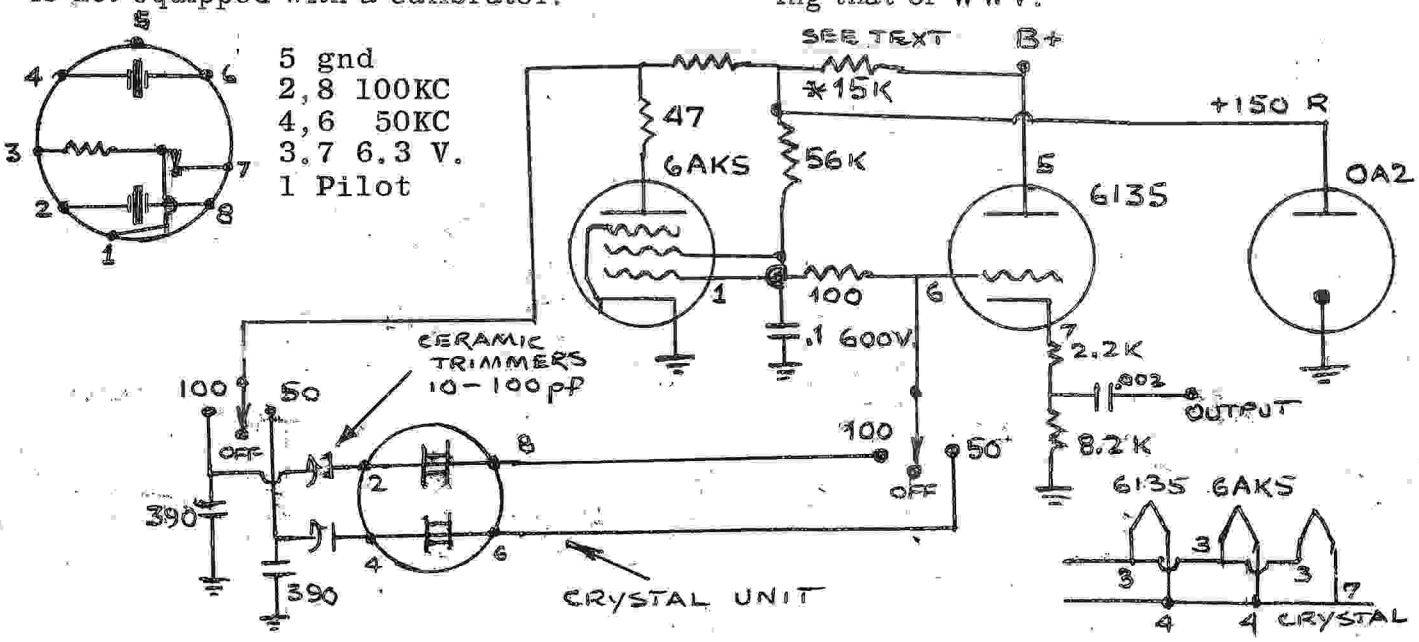
The OA2 VR tube provides regulated voltages of 150 volts for the oscillator plate and screen. These units were operated from a B plus supply of 300 volts, but any voltage will work OK as long as it is above the firing potential of the OA2.

If a voltage other than 300 volts is to be used, remove the 15K, 2 watt resistor and substitute as follows:

$$\frac{(\text{B plus to be used}) - 150}{.01} = R$$

The resistor, or course, is dropping the supply to 150 volts with a normal circuit drain of approximately 10 ma.

Locate the unit away from other heat producing objects in the ham shack to allow the crystal oven to regulate the crystal temperature. Then when tuning across the band you'll find crystal marked beat notes every 50kc or 100kc and with an accuracy approaching that of WWV.



PPRAA 'FIRE FIGHTERS'
(Continued from Page 1)

iately the ops were put to work. As a "hot spot" developed, calls were sent via the mobiles for fire fighters. Personnel were also able to determine how the fire was moving, what direction, etc., from information received via the mobiles.

Mobiles operating during the fire were WØGCH, George Kowalski, WAØERA, Eldon Lewis, WAØMNL, Rosie Lewis; WØJSW, Art Geyer; KØSLN, John Felix; KØKUO, Bill Keas, KØCEN, Bill Haskin; WAØAEH, Art Mayer; KØZPG, Ed Pompea, and KØESG, Ray Pitt.

Others reporting in during the 26 our period were KØJXQ, Phil Kraushaar; KØWMD, Wally Rowland; WØTV, Cecil Woord; WØFHJ, Bill Farrall; WAØEJI, Johnnie Marek, WØOQN, Dick Hollenbeck; KØKXO, Dan Remy, KØIRP, Dave Givan; WØIXH, Bruce Cushman, W8FYC/Ø, Dave; WAØAMA, Gerry Childs; WAØCND, Bonnie Bondurant; K4GCM/o, Will Gregson; WØFYC, George Trostle, and KØYFR, Chuck Chambers.

At 1 a.m. WØDGL, Larry Lewis, went to the south portal to give GCH a chance for some rest.

Besides providing communications, the ops pitched in to help extinguish the fire.

As the fire neared the top of the 9,000 foot Cheyenne Mountain, communications were needed at the summit. WØLHS, Roland Cobb,, who is familiar with the mountain, offered to make the jaunt to the top. Shortly after midnight, he, with co-pilots SLN and ERA, took off for the summit in a KKTV jeep.

ERA operated LHS's rig at the KKTV transmitter as HLS and SLN tramped the mountain top, helping wherever they were needed.

Daylight found many persons fighting the fire, which was to burn over 400 acres.

Base station throughout the day was K4GMC/Ø, Will Gregson, with MNL, Rosie, and MNM, Linda, operating. More than 30 phone calls were made--20 were phone patches.

Traffic consisted of getting identification of planes in the area and warning them of helicopters flying near by; alerting personnel in charge of expected 30 to 40 mile winds, ordering food at the request of the Red Cross and coordinating a group of workers in the field and the office; even phone patching two CBers, so they could plan their operations.

Thunder and lightning announced the coming of rain and the men were called in from the field due to danger of lightning. After a brief shower, men returned to work as a 40 mile wind began to fan some of the hot coals into flames. As the wind abated, things looked better.

DGL and WAØHHO, John Summers, Jr., donned water packs and joined the fire fighters. DGL supplied GCH with a good spray of water to assure that George wasn't asleep on the job.

The situation looked good at 6:10 p.m. and the (Smokey Bear) AREC net was closed.

A tired bunch of operators breathed a sigh of relief and ended another period of service to the community.

-o-o-o-

SIDE BEATS--- MNL

SLN says it's a good thing it was dark when he and HLS were stumbling, slipping and sliding around the summit of Cheyenne Mountain during the fire. They might have lost their nerve during the daylight hours when they could have seen the steep slopes beneath their feet.

-o-

The secret of SLN's missing trousers has been solved. It seens that in the climbing around the summit of the mountain he slipped on a big rock and

(Continued on Page 5)

GETTING TO KNOW YOU

(Just before the July issue went to press the continuance of this column for another is sue was assured by the receipt of information from one of the most active groups of amateurs in the PPRAA---the Lewis family. It was felt fit to make this month's column a "family affair" and the other information received for this column will be used in future issues--Ed.)

-o-

Licensed ops in the Lewis family consist of Eldon, xyl Rosemarie, Larry, 19, and Linda, 14. Equipment used by the family is a Swan 400 and a Twoer, with dipoles and a groundplane antenna. The Lewis ops are listed below in the order in which they were licensed.

-o-

WAØDGL - Larry

Now an announcer with KPIK and a student at Trinidad State College in electronics. Formerly with D&M Electronics in Colorado Springs. Operating since August 1962/ Member of Army MARS, AREC (assistant emergency coordinator for special activities). Hobbies: aeronautical phenomena.

-o-

WAØERA - Eldon

A kitchen equipment mechanic with the Fort Carson post engineers. Active in Army MARS, AREC and AEC (Assistant emergency coordinator for two meters). He must be too busy for additional hobbies as he didn't list any.

-o-

WAØMNL - Rosemarie (Rosie)

A homemaker and a cafeteria assistant at Palmer High School, employed by School District 11. Has operated present call since Dec. 10, 1965, started operating as WNØMNL on May 28, 1965. Active in Army MARS, RCC and AREC, Hobbies: CW and reading--"haven't yet been able to accomplish the feat of doing both simultaneously."

WAØMNL - Linda

A ninth grade school student. Operated present call since April 1, 1966. Obtained novice license WNØMNM same day as did Rosie. Member of AREC. Hobbies: reading and ice skating.

-o-o-o-

SIDE BEATS---

(Continued from Page 4)

slid part of the way down, leaving a part of his "britches" behind him. We understand it gets pretty cold on top of the mountain, John, even during a fire!

-o-

Communications reportedly went pretty smoothly during the fire, except that GCH's antenna blew down, the battery in his car went dead, he ran out of cigarettes (there was plenty of "smoke" but it was the wrong kind) and by the end of the operations he needed a shave and some sleep. Also voltage wouldn't stay stable on the field rig and helicopters caused plenty of QRM.

-o-

Florence Kaplicky called ye ed to pass on the news that while in Reno on July 5, WØICQ Jerry Bishop, acquired a new accessory for his ham shack---an xyl. He and the former Beatrice Gonzales secretly "made it a permanent date" and the news didn't slip out until a party a couple of weeks later.

-o-

Guess the membership drive was in the "summer doldrums" or there was too much "after convetion" activity as only one new member was added to the PPRAA roster in July---Kenneth W. Dixon, WØKIX.

-o-

Patronize the local radio distributors. They have been generous with donations and special prices on prizes for club meetings. Show them PPRAA appreciates their interest in the club!

DOOMSDAY FOR AMATEUR RADIO?

From the San Francisco Radio Club News, via the Central California Radio Council "CCRC Circle" comes the following rather dire report:

"...Ex-ARRL President Herb Hoover Jr. was introduced at the Southwest Division Convention at Disneyland during a League open forum. Mr. Hoover predicted that from the looks of things internationally 'after the next conference on frequency allocation of the countries of the world, Amateur Radio will be close to extinction, due to the loss of frequencies."

FOR SALE---

Knight-Kit T-60. With matching Knight-Kit VFO. VFO modified for external switching with relay box included VFO very stable after warmup. Manuals included. $40.00. Daniel L. Colburn, WB6BUS, CMR Box 317, USAF Academy 80840. 472-3038 or 472-2938 during day time only.

-o-

Getting tired of seeing everyone else's name in Ø Beat and not getting enough publicity of your own? Get in touch with the editor and tell him what YOU and YOUR friends are are doing!!! It will be in the next issue!!!

PIKES PEAK RADIO AMATEUR ASSN., Inc.
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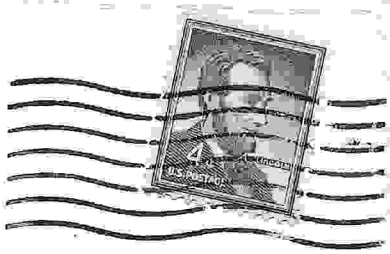

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